Turn on the safe side

Trusted for more than 25 years in designing, manufacturing and supplying large diameter bearings for wind turbines.

5MW single main bearing

Wind Turbines

Single Main Bearings

- from 250 kW to 5+ MW

IMO Single Main Bearings

for shaft- and gearless direct drive wind turbine generators

- proven triple row cylindrical roller bearing design
- cost-efficient design – no main shaft required
- high load carrying capacity
- reliable and compact design

- simple and efficient mounting process
- single piece cages made from non-ferrous metals
- equipped with high performance sealing system
- fit for grease or oil lubrication

IMO supplies to leading OEMs in wind turbine manufacturing.

More than ...

- 36 GW delivered worldwide
- 75,000 IMO large diameter bearings for wind turbines in use
- 10% of the worldwide wind turbines are equipped with IMO bearings

Your most cost-efficient choice over the entire service life.

IMO Single Main Bearings

- more than 2,500 single main bearings from 250 kW to 5 MW in service
- more than 1,000 IMO single main bearings in service for over 5 years
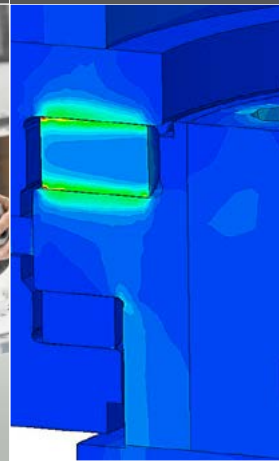- 2 MW class operating in the field since 2001

5 MW direct drive wind turbine generator

900 kW direct drive wind turbine generator

2 MW Single Main Bearing undergoing quality inspection

IMO
made in Gremsdorf, Germany

More than 25 years on your side.

▲ Applying German engineering expertise, IMO designs slewing rings for wind energy installations using benchmark FE models.

IMO is certified according to the standards ISO 9001, ISO 14001 and OHSAS 18001.

T-SOLID
pitch on the safe side

unfolds new perspectives for reduced cost of ownership, ensuring your return on investment!

Find more information at: www.t-solid.com

Headquarters
IMO GmbH & Co. KG
Imostr. 1
91350 Gremsdorf
Germany

Tel. +49 9193 6395 - 3126
Fax +49 9193 6395 - 3140
wind@imo.de

Your contact in China
Germany IMO GmbH
Beijing Representative Office
Tel: +86 10 85296463
china@imo.de

Your contact in the US
IMO USA Corp.
Tel. +1 843 779-5377
americas@imo.us

IMO follows the technical guidelines set by leading certifying authorities when calculating the slewing ring performance and life capabilities.

DNV·GL

DEWI
OCC
a UL company

Lloyd's Register

鉴衡认证
CHINA GENERAL CERTIFICATION

BUREAU VERITAS
1828

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